

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/012518

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ H01L27/148, H04N5/335

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H01L27/148, H04N5/335

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996
 Published unexamined utility model applications of Japan 1971-2005
 Registered utility model specifications of Japan 1996-2005
 Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2004-55669 A (FUJIFILM MICRODEVICES CO., LTD.) 2004.02.19, WHOLE DOCUMENT, FIG.1-8 (Family:none)	1, 4-6, 8-11, 13
Y		2, 3, 7, 12, 14-20
Y	JP 2003-332554 A (FUJIFILM MICRODEVICES CO., LTD.) 2003.11.21, WHOLE DOCUMENT, FIG.1-4 (Family:none)	2, 3, 7, 14-20
Y	US 6518605 B1 (NEC CORPORATION) 2001.08.03, WHOLE DOCUMENT, FIG.1-18 &JP 2001-210818 A &KR 1078126 A	7, 16, 18

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

08.09.2005

Date of mailing of the international search report

27.9.2005

Name and mailing address of the ISA/JP

Japan Patent Office

3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan

Authorized officer

NOBUTAKA SHIBAYAMA

Telephone No. +81-3-3581-1101 Ext. 3498

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 5-182992 A (MITSUBISHI DENKI KABUSHIKI KAISHA) 1993.07.23, WHOLE DOCUMENT, FIG.1-6 (Family:none)	12, 15, 16, 19
Y	EP 492144 A2 (MATSUSHITA ELECTRONICS CORPORATION) 1992.07.01, WHOLE DOCUMENT, FIG.1-12 &JP 5-3216 A &US 5241198 A &US 5302545 A &KR 9509806 B1	14-20